

Select Granular Backfill – Quick Reference Guide

Prior to wall construction, the contractor shall furnish to the NDOT Geotechnical Engineer a Certificate of Test certifying that the granular backfill material complies with section 714 or 715 of the standard specifications. If more than one source is used, a Certificate of Test is required from each source.

In accordance with the NDOT Materials Sampling Guide, field personnel will perform one gradation for every 1,000 cubic yards of material or portion thereof. In addition, field personnel are responsible to provide a 60-lb sample for quality, gradation, compaction, and chemical tests.

SiteManager Data Entry:

In accordance with the material requirements denoted on the SMGR Sampling Checklist, NDOT lab personnel will create a SMGR sample record.

Material Code, Name, and Description:

714SGB – Select Granular Backfill Aggregate

Test Templates:

AGF029 – Mechanical Analysis of Aggregate Material

AGL031 – Sodium Sulfate

AGL032 – LA Abrasion

CHL055 – pH Test

CHL056 – Resistivity Test

CHL057 – Sulfates, ppm test

CHL058 – Chlorides, ppm Test

MSL005 – Certificate of Test

SLL005 – Direct Shear